

Abstract

L-glutamic acid is produced by cultivating a coryneform bacterium having L-glutamic acid producing ability in which the PBP gene on the chromosomal DNA is disrupted and the normal PBP gene is harbored on the plasmid comprising a temperature sensitive replication control region in a liquid medium at a temperature at which the temperature sensitive replication control region does not function, and then cultivating the bacterium at a temperature at which the temperature sensitive replication control region functions normally to produce L-glutamic acid.

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